

# DIAMOND

## Fiber Optic Tools

### FIELD TERMINATION

#### GENERAL DESCRIPTION

Based on the known Diamond ZEUS D50 Fusion splicer, which provides fast, easy, and high performance field terminations of Splice-On Connectors (SOC), we have developed a new Kit with the aim of simplifying the field repair or termination of HE connectors.

The Kit contains everything that is needed to prepare, handle and splice tough outdoor/military and industrial cables with an outer diameter of 3 mm to 8 mm, including a cleaver and an automated stripping machine with heated jaws. Once the cable is fixed on a sliding holder, all three operations can be carried out without additional cable manipulation.

Everything is stored safely in an IP64 hard case which also acts as a working surface in harsh environments.

The ultra compact all-in-one system can be taken out of the case for easy handling.

#### FEATURES AND BENEFITS

- ▶ User friendly all-in-one system allows stripping, cleaving and splicing processes to be carried out in order to ensure safe cable manipulations
- ▶ Optional sets available for terminating the following Diamond harsh environment connectors: OD3, F-3000™ ODVA, X-BEAM Fusion (only on MM fiber), revos E-2000, HE-2000 and MIL-38999 style.
- ▶ Optional sets available for terminating Diamond E-2000™, F-3000™, SC, FC and ST™ **Splice-On Connectors (SOC)**
- ▶ Enhanced cable handling for 3-8mm outdoor/Mil cables thanks to special holders granting a higher splice yield
- ▶ Complete Kit of all the tools required to carry out all processes ranging from cable preparation to connector body assembly
- ▶ IP64 carrying case for use in harsh environments

#### ZEUS D50 HE KIT DATA

- ▶ Dimensions: (L x W x D): 520x435x230 mm
- Weight: 15 kg

**NOTE** - Upgrade kit from standard ZEUS D50 Fusion splicer to ZEUS D50 HE available upon request

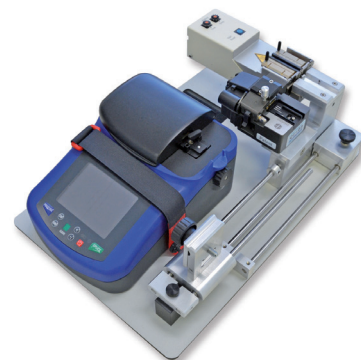
### ZEUS D50 HE

(Complete Kit with hard case)

SINGLE MODE  
MULTIMODE



ZEUS D50 HE kit



Removable all-in-one system



Alberino HE



### MAIN CONTENTS OF THE BASE KIT

- ▶ Diamond Zeus D50 HE fusion splicer with power supply, power cable and user manual
- ▶ High-performance automatic thermal cable stripper (Schleuniger)
- ▶ Fiber cleaver
- ▶ Mounting plate with rail guide and cable fixing holders
- ▶ Complete toolkit with fiber pliers and alberino holders
- ▶ Robust IP64 carrying case
- ▶ All the required consumables

### AVAILABLE OPTIONAL TERMINATION SETS (with assembly instructions)

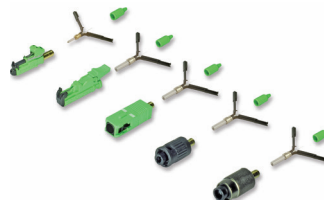
#### For HE connectors:

- ▶ OD3 Fusion termination set
- ▶ X-BEAM Fusion termination set
- ▶ revos E-2000 Fusion termination set
- ▶ F-3000™ ODVA Fusion termination set
- ▶ HE-2000 Fusion termination set
- ▶ MIL-38999 Fusion termination set



#### For Splice On Connectors (SOC):

- ▶ E-2000™ and F-3000™ Fusion Set
- ▶ SC Fusion Set
- ▶ FC Fusion Set
- ▶ ST™ Fusion Set



F-3000™, E-2000™, SC, ST™ and FC Fusions

### ORDER INFORMATION

Please refer to the part numbers provided in the separate P/N list.

For other configurations, please contact your nearest local Diamond representative or fill in the contact form available on the [www.diamond-fo.com](http://www.diamond-fo.com) website.